BRUHATH BANGALORE MAHANAGARAPALIKE
YELAHANKA ZONE
Pre Measurements

Name of work: Maintenance of UGD Line in ward no. 06
Work Order No: BBMP/EE/BTP/WO/34/2021-22, Date: 04.02.2022
JOB NUMBER: 006-20-000201
Estimate Cost: 7.50 lakhs.
Name of Contractor : M/s Soorya Creators, Prop. P Hemanth

Sl No	Description of item	Unit	No	L	B	D	Qty
1	Cement concrete slab surface for pipeline trenches inside drain and disposing of the excavated stuff as directed including barricading, danger lighting etc.,						
		Cum	1	30.00	1.20	0.30	10.80
			1	29.90	1.20	0.30	10.76
			1	4.00	1.20	0.30	1.44
	Deduct for manhole trench		2	2.2	1.20	0.30	-1.58
				Actiual Qty			**21.42**
				Limited to			**21.25**

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2	EXCAVATING FOR PIPE LINE TRENCHES OF REQIRED WIDTH by mechanical & manual means including dressing sides, ramming of bottoms, providing barricading, danger lighting, shoring,strutting, dewatering etc., IN ALL KINDS OF SOIL MIXED WITH BOULDERS O 30cms size etc.,						
		Cum	1	30.00	1.20	1.70	61.20
			1	29.90	1.20	1.70	61.00
			1	4.000	1.20	1.70	8.16
	Deduction for Manhole		2	2.200	1.20	1.70	-8.98
				Actiual Qty			**121.38**
							112.20

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3	In disintegrated rock, soft rock, soft shale and medium hard rock comprising of lime stone, sand stone, hard shale, schiest, fissured rock without resorting to blasting.						
		Cum	1	30.00	1.20	0.25	9.00
			1	29.90	1.20	0.25	8.97
			1	4.00	1.20	0.25	1.20
	Deduction for Manhole		2	2.200	1.20	0.25	-1.32
				Actiual Qty			**17.85**
				Limited to			**16.83**
4	Hard rock by chiselling						
		Cum	1	30.00	1.20	0.25	9.00
			1	29.90	1.20	0.25	8.97
			1	4.00	1.20	0.25	1.20
	Deduction for Manhole		2	2.200	1.20	0.25	-1.32
				Actiual Qty			**17.85**
				Limited to			**16.83**

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or bedding of sewer : KSRB 4.1 : Providing and laying in position plain cement concrete of mix M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted,curing complete as per specifications.

		Cum	1	30.00	1.20	0.50	18.00
			1	29.90	1.20	0.50	17.94
			1	4.00	1.20	0.50	2.40
	Deduction for Manhole		2	2.200	1.20	0.50	-2.38
				Actiual Qty			**35.96**
				Limited to			**35.88**

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10	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406						
		Cum					
	For Road Restoration		1	30.00	1.20	0.10	3.60
			1	29.90	1.20	0.10	3.59
			1	4.00	1.20	0.10	0.48
	Deduction for Manhole		2	2.200	1.20	0.10	-0.53
				Actiual Qty			**7.14**
				Limited to			**5.39**

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11	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2						
		Cum					
	For Road Restoration		1	30.00	1.20	0.10	3.60
			1	29.90	1.20	0.10	3.59
			1	4.00	1.20	0.10	0.48
	Deduction for Manhole		2	2.200	1.20	0.10	-0.53
				Actiual Qty			**7.14**
				Limited to			**4.44**

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